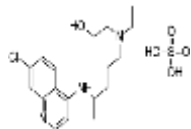


PRODUCT: Hydroxychloroquine sulfate**ALTERNATE NAMES:** 2-[[4-[(7-chloro-4-quinolinyl)amino]pentyl]ethylamino]-ethanol, monosulfate; HCQ**CATALOG NUMBER:** B2051-50, 250**AMOUNT:** 50 mg, 250 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₈H₂₆ClN₃O • H₂SO₄**MOLECULAR WEIGHT:** 434.0**CAS NUMBER:** 747-36-4**APPEARANCE:** White to off-white solid**SOLUBILITY:** H₂O (>20 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** Hydroxychloroquine is a synthetic quinine derivative commonly used as an antimalarial drug. Hydroxychloroquine is also used to treat symptoms of rheumatoid arthritis and discoid or systemic lupus erythematosus. It inhibits autophagy and induces autophagic cell death (IC₅₀ = 30 μM), suggesting potential applications in research and medicine.**REFERENCES:** Chude, C.I., and Amaravadi. R.K. (2017). *Int. J. Mol. Sci.* **18**, 1279.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Amiodarone Hydrochloride (**Cat. No. 1828-100, 500**)Bafilomycin A1 (**Cat. No. 1829-50, 250**)Chloroquine Sulfate (**Cat. No. 1825-100, 500**)Hydroxychloroquine sulfate (**Cat. No. B2051-10, 50**)Leupeptin Hemisulfate (**Cat. No. 1648-25, 50,100**)LY 294002 (**Cat. No. 1667-5, 25**)EZSolution™ LY 294002 (**Cat. No. 1747-5**)Niclosamide (**Cat. No. 1826-100, 500**)Pepstatin A (**Cat. No. 1732-25, 100**)Rapamycin (**Cat. No. 1568-5, 50**)EZSolution™ Rapamycin (**Cat. No. 1746-5**)Rottlerin (**Cat. No. 1827-10**)Wortmannin (**Cat. No. 1670-1**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**